\$%^STN;HighlightOn= ***;HighlightOff=*** ; NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002 NEWS 31 Nov 18 DKILIT has been renamed APOLLIT Welcome to STN International! Enter x:x NEWS 32 Nov 25 More calculated properties added to REGISTRY LOGINID:ssspta1651pxp NEWS 33 Dec 02 TIBKAT will be removed from STN NEWS 34 Dec 04 CSA files on STN NEWS 35 Dec 17 PCTFULL now covers WP/PCT PASSWORD: TERMINAL (ENTER 1, 2, 3, OR ?):2 Applications from 1978 to date NEWS 36 Dec 17 TOXCENTER enhanced with * * * * * * * * * * Welcome to STN additional content International * * * * * * * * * NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN NEWS 1 Web Page URLs for STN NEWS 38 Dec 30 ISMEC no longer available NEWS 39 Jan 13 Indexing added to some pre-Seminar Schedule - N. America NEWS 2 Apr 08 "Ask CAS" for self-help 1967 records in CA/CAPLUS around the clock NEWS 3 Apr 09 BEILSTEIN: Reload and NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a, Implementation of a New Subject Area CURRENT MACINTOSH VERSION IS NEWS 4 Apr 09 ZDB will be removed from STN V6.0b(ENG) AND V6.0Jb(JP), NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002 NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS NEWS HOURS STN Operating Hours Plus Help NEWS 7 Apr 22 BIOSIS Gene Names now Desk Availability available in TOXCENTER NEWS INTER General Internet Information NEWS 8 Apr 22 Federal Research in Progress NEWS LOGIN Welcome Banner and News Items (FEDRIP) now available NEWS PHONE Direct Dial and NEWS 9 Jun 03 New e-mail delivery for Telecommunication Network Access to STN search results now available NEWS WWW CAS World Wide Web Site NEWS 10 Jun 10 MEDLINE Reload (general information) NEWS 11 Jun 10 PCTFULL has been reloaded NEWS 12 Jul 02 FOREGE no longer contains Enter NEWS followed by the item number or name STANDARDS file segment to see news on that NEWS 13 Jul 22 USAN to be reloaded July 28, specific topic. 2002: All use of STN is subject to the provisions saved answer sets no longer valid of the STN Customer NEWS 14 Jul 29 Enhanced polymer searching agreement. Please note that this agreement in REGISTRY limits use to scientific NEWS 15 Jul 30 NETFIRST to be removed from research. Use for software development or STN design or implementation NEWS 16 Aug 08 CANCERLIT reload of commercial gateways or other similar uses NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) is prohibited and may - new on STN result in loss of user privileges and other NEWS 18 Aug 08 NTIS has been reloaded and penalties. enhanced * * * * * * * * * * * * * * * * * STN Columbus * * NEWS 19 Aug 19 Aquatic Toxicity Information * * * * * * * * * * * * Retrieval (AQUIRE) now available on STN NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded FILE 'HOME' ENTERED AT 11:38:13 ON 14 JAN 2003 NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced => index bioscience NEWS 23 Sep 03 JAPIO has been reloaded and FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED COST IN U.S. DOLLARS NEWS 24 Sep 16 Experimental properties added to the REGISTRY file SINCE FILE TOTAL NEWS 25 Sep 16 CA Section Thesaurus

available in CAPLUS and CA

Reactions from 1907 to 1985

(NUTRACEUT) now available on STN

fields

NEWS 26 Oct 01 CASREACT Enriched with

NEWS 27 Oct 21 EVENTLINE has been reloaded NEWS 28 Oct 24 BEILSTEIN adds new search

NEWS 29 Oct 24 Nutraceuticals International

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,

SESSION

0.21

FULL ESTIMATED COST

ENTRY

0.21

```
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 11:38:23 ON 14 JAN 2003
```

64 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s zinc? (4a) potassium? (4a) calcium? (4a) rubidium

```
1 FILE ANABSTR
```

- FILE AQUASCI
- 36 FILE BIOSIS
- 7 FILE CABA

13 FILES SEARCHED...

- 3 FILE CAPLUS
- FILE CROPU 1
- FILE EMBASE 5
- FILE FROSTI 3
- 37 FILES SEARCHED...
 - 1 FILE HEALSAFE
 - 5 FILE IFIPAT
 - 4 FILE MEDLINE
 - FILE NIOSHTIC 1
 - 1 FILE NTIS
 - FILE PASCAL
 - FILE SCISEARCH
 - Q. FILE TOXCENTER
 - FILE USPATFULL 37
 - FILE USPAT2 1
- 62 FILES SEARCHED...
 - 4 FILE WPIDS
 - FILE WPINDEX 4

20 FILES HAVE ONE OR MORE ANSWERS, FILES SEARCHED IN STNINDEX

L1 QUE ZINC? (4A) POTASSIUM? (4A) CALCIUM?

=> s l1 (s) (skin? or wound? or heal? or epiderm? or cutic? or lacerat? or ulcer?)

- 12 FILES SEARCHED...
- 23 FILES SEARCHED...
- 33 FILES SEARCHED...

O* FILE FEDRIP

- 45 FILES SEARCHED...
- 50 FILES SEARCHED...
- 58 FILES SEARCHED...
 - 1 FILE USPATFULL

1 FILES HAVE ONE OR MORE ANSWERS, FILES SEARCHED IN STNINDEX

L2 QUE L1 (S) (SKIN? OR WOUND? OR HEAL? OR EPIDERM? OR CUTIC? OR LACERAT? OR ULCER?)

=> s ll (s) (skin? or wound? or heal? or epiderm? or cutic? or lacerat? or ulcer? or topical? or cream? or antisept? or transderm?)

- 13 FILES SEARCHED...
- 22 FILES SEARCHED...
- 30 FILES SEARCHED...

0* FILE FEDRIP

- 34 FILES SEARCHED...
- 45 FILES SEARCHED...
- 55 FILES SEARCHED... 1 FILE USPATFULL

1 FILES HAVE ONE OR MORE ANSWERS, FILES SEARCHED IN STNINDEX

L3 QUE L1 (S) (SKIN? OR WOUND? OR HEAL? OR EPIDERM? OR CUTIC? OR LACERAT? OR ULCER? OR TOPICAL? OR CREAM? OR ANTISEPT? OR TRANSDERM?)

Connection closed by remote host

Welcome to STN International! Enter x:x

LOGINID: sssptal651pxp

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * Welcome to STN International * * * * * * * * * *

Web Page URLs for STN Seminar Schedule - N. America NEWS 2 Apr 08 "Ask CAS" for self-help around the clock NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area NEWS 4 Apr 09 ZDB will be removed from STN NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS 9 Jun 03 New e-mail delivery for search results now available

NEWS 10 Jun 10 MEDLINE Reload

NEWS 11 Jun 10 PCTFULL has been reloaded NEWS 12 Jul 02 FOREGE no longer contains

STANDARDS file segment

NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;

saved answer sets no longer

valid

NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY

NEWS 15 Jul 30 NETFIRST to be removed from STN

NEWS 16 Aug 08 CANCERLIT reload

NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN

NEWS 18 Aug 08 NTIS has been reloaded and enhanced

NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)

now available on STN

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NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS

DATED 01 OCTOBER 2002

1967 records in CA/CAPLUS

NEWS HOURS $\,\,$ STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and

Telecommunication Network Access to STN NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer $\,$

agreement. Please note that this agreement limits use to scientific $% \left(1\right) =\left(1\right) +\left(1\right)$

research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may $% \left\{ 1,2,\ldots ,n\right\}$

result in loss of user privileges and other penalties.

Welcome to STN International! Enter x:x

LOGINID:ssspta1651pxp

PASSWORD:

* * * * * * RECONNECTED TO STN INTERNATIONAL

SESSION RESUMED IN FILE 'HOME' AT 13:48:39 ON 17 JAN 2003

FILE 'HOME' ENTERED AT 13:48:39 ON 17 JAN 2003 COST IN U.S. DOLLARS SINCE FILE TOTAL

ENTRY SESSION FULL ESTIMATED COST 0.21 0.21

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION FULL ESTIMATED COST 0.21 0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 13:49:03 ON 17 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0^{\star} with SET DETAIL OFF.

=> s (ca? or calcium) (s) (kcl or kpo? or potassium?) (s) (zn? or zinc?) (s) (rubidium or rb?)

5 FILE AGRICOLA

4 FILES SEARCHED...

9 FILE ANABSTR

12 FILE AQUASCI

6 FILES SEARCHED...

2 FILE BIOBUSINESS

7 FILES SEARCHED...

116 FILE BIOSIS

9 FILES SEARCHED...

3 FILE BIOTECHABS

10 FILES SEARCHED...

3 FILE BIOTECHDS

5 FILE BIOTECHNO

12 FILES SEARCHED...

32 FILE CABA

13 FILES SEARCHED...

4 FILE CANCERLIT

14 FILES SEARCHED...

87 FILE CAPLUS

1 FILE CEABA-VTB

16 FILES SEARCHED...

18 FILES SEARCHED...

1 FILE CROPU

24 FILES SEARCHED...

3 FILE DRUGU

34 FILE EMBASE Enter SET DETAIL ON to see search term 32 FILES SEARCHED... postings or to view 8 FILE ESBIOBASE search error messages that display as 0* with 33 FILES SEARCHED... SET DETAIL OFF. 1* FILE FEDRIP 12 FILE FROSTI => s 11 37 FILES SEARCHED... 3 FILE FSTA 0* FILE GENBANK L1 NOT FOUND The L-number entered has not been defined in 39 FILES SEARCHED... this session, or it 1 FILE HEALSAFE has been deleted. To see the L-numbers 282 FILE IFIPAT
9 FILE JICST-EPLUS currently defined in this session, enter DISPLAY HISTORY at an arrow 42 FILES SEARCHED... prompt (=>). 12 FILE LIFESCI 44 FILES SEARCHED... => s (ca? or calcium) (s) (kcl or kpo? or potassium?) (s) (zn? or zinc?) (s) (rubidium 35 FILE MEDLINE 46 FILES SEARCHED... or rb?l 17 FILE NIOSHTIC 30 FILE NTIS 5 FILE AGRICOLA 48 FILES SEARCHED... 4 FILES SEARCHED... 3 FILE OCEAN 0* FILE PASCAL 9 FILE ANABSTR 12 FILE AQUASCI 50 FILES SEARCHED... 6 FILES SEARCHED... 54 FILES SEARCHED... 2 FILE BIOBUSINESS 5 FILE PROMT 7 FILES SEARCHED... 55 FILES SEARCHED... 116 FILE BIOSIS 55 FILE SCISEARCH 9 FILES SEARCHED... 56 FILES SEARCHED... 3 FILE BIOTECHABS 37 FILE TOXCENTER 10 FILES SEARCHED... 58 FILES SEARCHED... 3 FILE BIOTECHDS 0* FILE USPATFULL 11 FILES SEARCHED... 17 FILE USPAT2 5 FILE BIOTECHNO 60 FILES SEARCHED... 12 FILES SEARCHED... 1 FILE VETB 32 FILE CABA 2 FILE VETU 13 FILES SEARCHED... O* FILE WPIDS
O* FILE WPINDEX 4 FILE CANCERLIT 14 FILES SEARCHED... 64 FILES SEARCHED... 87 FILE CAPLUS 1 FILE CEABA-VTB => s l1 (s) (topical? or skin? or epiderm? or 16 FILES SEARCHED... 18 FILES SEARCHED... ulcer? or lacerat? or cut? or scrape? or heal? or wound?) 1 FILE CROPU 24 FILES SEARCHED... L1 NOT FOUND 3 FILE DRUGU 34 FILE EMBASE The L-number entered could not be found. To see the definition 32 FILES SEARCHED... of L-numbers, enter DISPLAY HISTORY at an 8 FILE ESBIOBASE arrow prompt (=>). 33 FILES SEARCHED... 1* FILE FEDRIP 12 => index bioscience napralert FILE FROSTI 37 FILES SEARCHED... 3 FILE FSTA 0* FILE GENBANK FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED COST IN U.S. DOLLARS SINCE FILE TOTAL. 39 FILES SEARCHED... 1 FILE HEALSAFE ENTRY SESSION 282 FILE IFIPAT FULL ESTIMATED COST 41 FILES SEARCHED... 24.75 24.96 9 FILE JICST-EPLUS 43 FILES SEARCHED... INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, 12 FILE LIFESCI AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, 44 FILES SEARCHED... BIOCOMMERCE, BIOSIS, BIOTECHABS, 35 FILE MEDLINE BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, 46 FILES SEARCHED... CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, 17 FILE NIOSHTIC 30 FILE NTIS DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' 48 FILES SEARCHED...

3 FILE OCEAN 0* FILE PASCAL

50 FILES SEARCHED... 54 FILES SEARCHED...

ENTERED AT 14:16:13 ON 17 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

```
5 FILE PROMT
  55 FILES SEARCHED...
         55 FILE SCISEARCH
  56 FILES SEARCHED...
         37 FILE TOXCENTER
  58 FILES SEARCHED...
         0* FILE USPATFULL
         17 FILE USPAT2
  60 FILES SEARCHED...
          1 FILE VETB
          2 FILE VETU
          O* FILE WPIDS
          O* FILE WPINDEX
Connection closed by remote host
Welcome to STN International! Enter x:x
LOGINID: ssspta1651pxp
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
* * * * * * * * * * * Welcome to STN International * * * * * * * * * *
                 Web Page URLs for STN
Seminar Schedule - N. America
 NEWS 2 Apr 08 "Ask CAS" for self-help
around the clock
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NEWS 12 Jul 02 FOREGE no longer contains
STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28,
                 saved answer sets no longer
valid
NEWS 14 Jul 29 Enhanced polymer searching
in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from
STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML)
- new on STN
NEWS 18 Aug 08 NTIS has been reloaded and
enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information
Retrieval (AQUIRE)
                 now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB
have been reloaded
```

NEWS 21 Aug 19 The MEDLINE file segment of

TOXCENTER has been reloaded

```
NEWS 22 Aug 26 Sequence searching in
 REGISTRY enhanced
 NEWS 23 Sep 03 JAPIO has been reloaded and
 enhanced
 NEWS 24 Sep 16 Experimental properties
 added to the REGISTRY file
 NEWS 25 Sep 16 CA Section Thesaurus
 available in CAPLUS and CA
 NEWS 26 Oct 01 CASREACT Enriched with
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 NEWS 27 Oct 21 EVENTLINE has been reloaded
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 NEWS 35 Dec 17 PCTFULL now covers WP/PCT
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NEWS 39 Jan 13 Indexing added to some pre-
1967 records in CA/CAPLUS
NEWS EXPRESS January 6 CURRENT WINDOWS
VERSION IS V6.01a,
               CURRENT MACINTOSH VERSION IS
V6.0b(ENG) AND V6.0Jb(JP),
              AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002
 NEWS HOURS
              STN Operating Hours Plus Help
Desk Availability
NEWS INTER
               General Internet Information
 NEWS LOGIN
               Welcome Banner and News Items
 NEWS PHONE
               Direct Dial and
Telecommunication Network Access to STN
 NEWS WWW
               CAS World Wide Web Site
(general information)
Enter NEWS followed by the item number or name
to see news on that
specific topic.
  All use of STN is subject to the provisions
of the STN Customer
  agreement. Please note that this agreement
limits use to scientific
  research. Use for software development or
design or implementation
 of commercial gateways or other similar uses
is prohibited and may
 result in loss of user privileges and other
penalties.
   * * * * * * * * * * * *
```

FILE 'HOME' ENTERED AT 15:37:28 ON 17 JAN 2003

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED COST IN U.S. DOLLARS SINCE FILE TOTAL

ENTRY SESSION FULL ESTIMATED COST 0.21 0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 15:37:45 ON 17 JAN 2003

64 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (rb? or rubidium?) (s) (ca? or calcium?) (s) (kcl or potassium?) (s) (zn? or zinc?)

> FILE AGRICOLA 5

4 FILES SEARCHED...

9 FILE ANABSTR 12 FILE AQUASCI

6 FILES SEARCHED...

2 FILE BIOBUSINESS

7 FILES SEARCHED...

116 FILE BIOSIS

9 FILES SEARCHED...

3 FILE BIOTECHABS

10 FILES SEARCHED...

3 FILE BIOTECHDS

11 FILES SEARCHED...

5 FILE BIOTECHNO

12 FILES SEARCHED...

32 FILE CABA

13 FILES SEARCHED...

4 FILE CANCERLIT

14 FILES SEARCHED...

87 FILE CAPLUS

1 FILE CEABA-VTB

16 FILES SEARCHED...

18 FILES SEARCHED...

1 FILE CROPU

24 FILES SEARCHED...

3 FILE DRUGU

34 FILE EMBASE

32 FILES SEARCHED...

8 FILE ESBIOBASE

33 FILES SEARCHED...

1* FILE FEDRIP 12 FILE FROSTI

37 FILES SEARCHED...

3 FILE FSTA 0* FILE GENBANK

39 FILES SEARCHED...

1 FILE HEALSAFE

282 FILE IFIPAT

41 FILES SEARCHED...

9 FILE JICST-EPLUS

43 FILES SEARCHED...

12 FILE LIFESCI

44 FILES SEARCHED...

35 FILE MEDLINE

46 FILES SEARCHED...

17 FILE NIOSHTIC 30 FILE NTIS

FILE NTIS

48 FILES SEARCHED...

3 FILE OCEAN 0* FILE PASCAL

50 FILES SEARCHED...

54 FILES SEARCHED... 5 FILE PROMT

55 FILES SEARCHED...

55 FILE SCISEARCH

56 FILES SEARCHED...

37 FILE TOXCENTER

58 FILES SEARCHED...

0* FILE USPATFULL 17 FILE USPAT2

60 FILES SEARCHED...

1 FILE VETB 2 FILE VETU

O* FILE WPIDS

O* FILE WPINDEX

=> s l1 and topic?

L1 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=>

---Logging off of STN---

Executing the logoff script...

=> LOG Y

Welcome to STN International! Enter x:x

LOGINID:ssspta1651pxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * *

Web Page URLs for STN Seminar Schedule - N. America NEWS 2 Apr 08 "Ask CAS" for self-help around the clock NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area NEWS 4 Apr 09 ZDB will be removed from STN NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB NEWS 6 Apr 22 Records from IP.com

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NEWS 7 Apr 22 BIOSIS Gene Names now
                                                       NEWS HOURS
                                                                     STN Operating Hours Plus Help
available in TOXCENTER
                                                      Desk Availability
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                                                      NEWS INTER
                                                                     General Internet Information
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                                                                     Direct Dial and
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                                                      Telecommunication Network Access to STN
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                                                      NEWS WWW
                                                                    CAS World Wide Web Site
 NEWS 11 Jun 10 PCTFULL has been reloaded
                                                      (general information)
 NEWS 12 \, Jul 02 \, FOREGE no longer contains
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                                                      Enter NEWS followed by the item number or name
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                                                       of commercial gateways or other similar uses
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Retrieval (AQUIRE)
                                                        * * * * * * * * * * * *
                  now available on STN
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have been reloaded
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 NEWS 22 Aug 26 Sequence searching in
                                                      FILE 'HOME' ENTERED AT 14:22:18 ON 21 JAN 2003
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                                                     => index bioscience
enhanced
NEWS 24 Sep 16 Experimental properties
                                                      FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
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                                                      COST IN U.S. DOLLARS
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                                                      SINCE FILE
                                                                     TOTAL
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                                                      0.21
                                                                 0.21
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                                                     Enter SET DETAIL ON to see search term
                                                     postings or to view
Applications from 1978 to date
                                                     search error messages that display as 0* with
NEWS 36 Dec 17 TOXCENTER enhanced with
                                                     SET DETAIL OFF.
additional content
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                                                     => s (zn? or zinc) (s) (ca? or calcium) (s)
now available on STN
                                                     (rubidium or rb?) (s) (kcl or potassium)
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                                                                   FILE AGRICOLA
                                                               5
1967 records in CA/CAPLUS
                                                        4 FILES SEARCHED...
                                                               9 FILE ANABSTR
```

12

6 FILES SEARCHED...

7 FILES SEARCHED...

9 FILES SEARCHED...

FILE AOUASCI

2 FILE BIOBUSINESS

3 FILE BIOTECHABS

116 FILE BIOSIS

NEWS EXPRESS January 6 CURRENT WINDOWS

CURRENT MACINTOSH VERSION IS

AND CURRENT DISCOVER FILE IS

VERSION IS V6.01a,

V6.0b(ENG) AND V6.0Jb(JP),

DATED 01 OCTOBER 2002

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3 FILE BIOTECHDS
                                                      NEWS 1 Web Page URLs for STN
Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help
  11 FILES SEARCHED...
         5 FILE BIOTECHNO
  12 FILES SEARCHED...
                                                      around the clock
         32 FILE CABA
  13 FILES SEARCHED...
                                                       NEWS 3 Apr 09 BEILSTEIN: Reload and
         4 FILE CANCERLIT
                                                      Implementation of a New Subject Area
  14 FILES SEARCHED...
                                                       NEWS 4 Apr 09 ZDB will be removed from STN
         87 FILE CAPLUS
1 FILE CEABA-VTB
                                                       NEWS 5 Apr 19 US Patent Applications
                                                      available in IFICDB, IFIPAT, and IFIUDB
  16 FILES SEARCHED...
                                                      NEWS 6 Apr 22 Records from IP.com
  18 FILES SEARCHED...
                                                      available in CAPLUS, HCAPLUS, and ZCAPLUS
         1 FILE CROPU
                                                      NEWS 7 Apr 22 BIOSIS Gene Names now
  24 FILES SEARCHED...
                                                      available in TOXCENTER
        3 FILE DRUGU
                                                       NEWS 8 Apr 22 Federal Research in Progress
  31 FILES SEARCHED...
                                                      (FEDRIP) now available
         34 FILE EMBASE
                                                       NEWS 9 Jun 03 New e-mail delivery for
  32 FILES SEARCHED...
                                                      search results now available
         8 FILE ESBIOBASE
                                                       NEWS 10 Jun 10 MEDLINE Reload
                                                       NEWS 11 Jun 10 PCTFULL has been reloaded NEWS 12 Jul 02 FOREGE no longer contains
  33 FILES SEARCHED...
         1* FILE FEDRIP
         12 FILE FROSTI
                                                      STANDARDS file segment
  37 FILES SEARCHED...
                                                       NEWS 13 Jul 22 USAN to be reloaded July 28,
          3 FILE FSTA
0* FILE GENBANK
                                                      2002;
                                                                        saved answer sets no longer
  39 FILES SEARCHED...
       1 FILE HEALSAFE
282 FILE TETPAT
                                                       NEWS 14 Jul 29 Enhanced polymer searching
                                                      in REGISTRY
  41 FILES SEARCHED...
                                                      NEWS 15 Jul 30 NETFIRST to be removed from
         9 FILE JICST-EPLUS
                                                      STN
                                                       NEWS 16 Aug 08 CANCERLIT reload
  43 FILES SEARCHED...
                                                      NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML)
        12 FILE LIFESCI
  44 FILES SEARCHED...
                                                      - new on STN
         35 FILE MEDLINE
                                                      NEWS 18 Aug 08 NTIS has been reloaded and
  46 FILES SEARCHED...
                                                      enhanced
         17 FILE NIOSHTIC
                                                      NEWS 19 Aug 19 Aquatic Toxicity Information
         30
             FILE NTIS
                                                      Retrieval (AQUIRE)
  48 FILES SEARCHED...
                                                                       now available on STN
        3 FILE OCEAN
0* FILE PASCAL
                                                       NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB
                                                      have been reloaded
  50 FILES SEARCHED...
                                                       NEWS 21 Aug 19 The MEDLINE file segment of
  54 FILES SEARCHED...
                                                      TOXCENTER has been reloaded
         5 FILE PROMT
                                                       NEWS 22 Aug 26 Sequence searching in
                                                      REGISTRY enhanced
  55 FILES SEARCHED...
         55 FILE SCISEARCH
                                                       NEWS 23 Sep 03 JAPIO has been reloaded and
  56 FILES SEARCHED...
                                                      enhanced
                                                      NEWS 24 Sep 16 Experimental properties
         37 FILE TOXCENTER
  58 FILES SEARCHED...
                                                      added to the REGISTRY file
         0* FILE USPATFULL
                                                      NEWS 25 Sep 16 CA Section Thesaurus
         17 FILE USPAT2
                                                      available in CAPLUS and CA
  60 FILES SEARCHED...
                                                       NEWS 26 Oct 01 CASREACT Enriched with
         1 FILE VETB
                                                      Reactions from 1907 to 1985
              FILE VETU
                                                       NEWS 27 Oct 21 EVENTLINE has been reloaded
         O* FILE WPIDS
O* FILE WPINDEX
                                                       NEWS 28 Oct 24 BEILSTEIN adds new search
                                                      fields
                                                       NEWS 29 Oct 24 Nutraceuticals International
                                                      (NUTRACEUT) now available on STN
Connection closed by remote host
                                                       NEWS 30 Oct 25 MEDLINE SDI run of October
                                                      8, 2002
                                                       NEWS 31 Nov 18 DKILIT has been renamed
                                                      APOLLTT
                                                      NEWS 32 Nov 25 More calculated properties
Welcome to STN International! Enter x:x
                                                      added to REGISTRY
LOGINID: sssptal651pxp
                                                       NEWS 33 Dec 02 TIBKAT will be removed from
                                                      STN
PASSWORD.
                                                      NEWS 34 Dec 04 CSA files on STN
TERMINAL (ENTER 1, 2, 3, OR ?):2
                                                      NEWS 35 Dec 17 PCTFULL now covers WP/PCT
                                                      Applications from 1978 to date
                                                      NEWS 36 Dec 17 TOXCENTER enhanced with
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additional content

* * * * * * * * * * Welcome to STN

International * * * * * * * * *

NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN $\,$

NEWS 38 Dec 30 ISMEC no longer available NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS

DATED 01 OCTOBER 2002

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=> fil biosis medline caplus napralert

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=> s (ca? or calcium) (s) (zn? or zinc) (s) (kcl? or potassium) (s) (rb? or rubidium)

1 FILES SEARCHED...

2 FILES SEARCHED...

L1 244 (CA? OR CALCIUM) (S) (ZN? OR ZINC) (S) (KCL? OR POTASSIUM) (S) (RB? OR RUBIDIUM)

=> dup rem 11

PROCESSING COMPLETED FOR L1 L2 213 DUP REM L1 (31 DUPLICATES REMOVED)

=> s 12 and (skin? or topical? or epiderm? or wound?)

L3 3 L2 AND (SKIN? OR TOPICAL? OR EPIDERM? OR WOUND?)

=> d 13 1- all

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L3 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2001:271153 BIOSIS

DN PREV200100271153

TI Compositions of oak bark extract related synthetic compositions and method of using same.

AU Hon, David N.-S (1); Stanley, R. Thomas CS (1) Clemson, SC USA

 $\label{eq:ASSIGNEE: Greystone Medical Group, Inc., Memphis, TN, USA$

PI US 6149947 November 21, 2000

SO Official Gazette of the United States Patent and Trademark Office Patents,

(Nov. 21, 2000) Vol. 1240, No. 3, pp. No Pagination. e-file.

ISSN: 0098-1133.

DT Patent

LA English

AB Higher concentrations of oak bark ash extract, i.e., greater than 20% by

weight, are useful for the treatment of ***skin*** ***cancers***

Lower concentrations of oak bark extract possess additional therapeutic

properties not heretofore recognized. For example, preparations containing

40-80% oak bark extract are useful in the treatment of acute

ulcers. In addition, synthetic mixtures
 containing ***potassium*** ions,

zinc ions, ***calcium***

ions provide many of the same advantageous properties of oak bark extract.

The inclusion of ***rubidium*** ions and sulfur is also advantageous

for some applications.

NCL 424641000

IT Major Concepts

```
Methods and Techniques; Pharmacognosy
                                                            well as for ***potassium***
                                                                                            and
 (Pharmacology)
                                                       ***rubidium*** . In these
 IT Diseases
                                                            correlations copper appeared to have
          ***skin***
                       cancer: integumentary
                                                       kinetic propoerties different from
 system disease, neoplastic disease
                                                            the other trace elements. Deterioration
     Chemicals & Biochemicals
                                                       of heart muscle function,
        oak bark ash extract: antineoplastic -
                                                            decreased heart muscle protein synthesis
drug
                                                       and decreased numbers of
IT
     Alternate Indexing
                                                            myofibrils in hearts from tumor-bearing
          ***Skin***
                       Neoplasms (MeSH)
                                                       rates have been shown elsewhere.
                                                            The decreased content of iron found in
     ANSWER 2 OF 3 BIOSIS COPYRIGHT 2003
L3
                                                       this study is consistent with a
BIOLOGICAL ABSTRACTS INC.
                                                            decrease in contractile proteins in
     1987:190873 BIOSIS
ΑN
                                                       hearts from tumor-bearing rats. The
     BA83:98997
                                                            redistribution of ***zinc***
                                                                                             that was
TТ
     COMPARISON OF DISTRIBUTION OF TRACE AND
                                                       found from serum to skeletal
OTHER ELEMENTS IN HEART AND
                                                           muscle may be part of a defense
     SKELETAL MUSCLE AND SERUM IN RATS BEARING
                                                       mechanism secondary to the
A TRANSPLANTABLE FIBROSARCOMA.
                                                              ***cachetic***
                                                                              reaction. Ions with
    LARSSON S; KARLBERG I; PETERSSON H-I;
                                                       known significance for heart muscle
SELIN E
                                                            performance, e.g.
                                                                                ***potassium***
    LAB. BIORHEOL., DEP. SURG. I, SAHLGREN'S
                                                       ***calcium*** , were not
UNIV. HOSP., S-413 45 GOTEBORG,
                                                            significantly changed in hearts from
     SWEDEN.
                                                       tumor-bearing compared to
     TRACE ELEM MED, (1986) 3 (1), 5-10.
                                                            non-tumor-bearing rats.
     CODEN: TEMDE6.
                                                            Biochemical Studies - Proteins, Peptides
FS
     BA; OLD
                                                       and Amino Acids 10064
T.A
     English
                                                            Biochemical Studies - Minerals 10069
                                                            Metabolism - Minerals *13010
       ***Cancer***
                        ***cachexia***
                                         is a
potential feature of all
                                                            Metabolism - Proteins, Peptides and Amino
     malignant diseases. The reason for this
                                                      Acids *13012
wasting of peripheral tissue is
                                                           Metabolism - Metabolic Disorders *13020
     not yet fully understood, but anorexia
                                                            Nutrition - Malnutrition; Obesity *13203
                                                            Nutrition - Minerals *13206
and decreased food intake as well
     as pathologic energy production due to
                                                            Cardiovascular System - Heart Pathology
recycling of glucose and glucose
                                                      *14506
     precursors from peripheral tissues have
                                                           Blood, Blood-Forming Organs and Body
all been implicated. Specimens
                                                       Fluids - Blood and Lymph Studies
     from serum and from normal skeletal and
                                                           *15002
heart muscle tissue were taken
                                                           Muscle - Pathology *17506
                                                      Bones, Joints, Fasciae, Connective and
Adipose Tissue - Pathology *18006
     from Lister rats bearing a transplantable
intramuscular
     methylcholanthrene-induced fibrosarcoma
                                                           Neoplasms and Neoplastic Agents -
during an early phase of tumor
                                                      Pathology; Clinical Aspects; Systemic
     disease when no anorexia was apparent.
                                                           Effects *24004
                                                           Neoplasms and Neoplastic Agents -
These specimens were studied by
     energy dispersive x-ray fluorescence
                                                      Biochemistry *24006
spectrometry to obtain a quantitative
                                                           Muridae 86375
     evaluation of trace element
                                                      ΙT
                                                           Miscellaneous Descriptors
concentrations. We found an increased
                                                              CANCER CACHEXIA MALNUTRITION PROTEIN
     concentration of iron and copper in serum
                                                      SYNTHESIS
during tumor growth whereas
     heart muscle showed an associated
                                                           ANSWER 3 OF 3 BIOSIS COPYRIGHT 2003
decrease of these ions. In skeletal
                                                      BIOLOGICAL ABSTRACTS INC.
     muscle no such decrease of iron content
                                                      AN
                                                           1985:407511 BIOSIS
occurred. ***Zinc*** , a factor
                                                           BA80:77503
                                                      DN
     of major importance in ***wound***
                                                             ***SKIN***
                                                                          PENETRATION OF MINERALS IN
healing, decreased in serum and
                                                      PSORIATICS AND GUINEA-PIGS
    increased in skeletal and heart muscle
                                                           BATHING IN HYPERTONIC SALT SOLUTIONS.
tissue. Selenium decreased in serum
                                                           SHANI J; BARAK S; LEVI D; RAM M;
    during tumor growth and increased in
                                                      SCHACHNER E R; SCHLESINGER T; ROBBERECHT
heart muscle. In skeletal muscle the
                                                           H; VAN GRIEKEN R; AVRACH W W
     selenium content was below the limits of
                                                           DEPARTMENT OF PHARMACOL., HEBREW
detection. Correlations between
                                                      UNIVERSITY SCHOOL OF PHARMACY, POB 12065,
     the various elements were also studied.
                                                           JERUSALEM.
Some of these included ions with
                                                      SO
                                                           PHARMACOL RES COMMUN, (1985) 17 (6), 501-
     few known effects, suggesting a
                                                      512.
significant biological role. Strong
                                                           CODEN: PLRCAT. ISSN: 0031-6989.
     correlations were found for the
                                                      FS
                                                           BA; OLD
distribution of chlorine and bromine as
                                                      LA
                                                           English
```

AB Penetration of electrolytes through the human ***skin*** was measured in healthy volunteers and in psoriatic patients after bathing in the Dead-Sea or in simulated bath-salt solutions. Significant increases in the levels of serum Br, Rb, Ca and Zn were noticed only in the psoriatic patients after daily bathing in the Dead-Sea for a 4-wk regimen. Guinea-pigs bathed in simulated Dead-Sea bath-salt solutions containing radionuclides of Ca, Mg, K and Br. Traces of each radionuclide were detected in the blood and in some internal organs after 60 min of bathing. The radionuclides showed a physiological pattern in their organ distribution. Even though the whole investigation was carried out in hypertonic solutions, there is a definite penetration of salts through healthy (human and guinea-pigs) and damaged (psoriatic) ***epidermis*** . Improvement of the psoriatic condition after bathing in the Dead-Sea may be partly attributed (in addition to UV irradiation) to the minerals' effect on the psoriatic ***skin*** . Radiation - Radiation and Isotope Techniques 06504 Biochemical Studies - Minerals *10069 External Effects - Light and Darkness Physiology, General and Miscellaneous -Exercise and Physical Therapy *12010 Pathology, General and Miscellaneous -Therapy *12512 Blood, Blood-Forming Organs and Body Fluids - Blood and Lymph Studies 15002 Integumentary System - Pathology *18506 Hominidae 86215 Caviidae 86300 Miscellaneous Descriptors HUMAN BROMINE ***RUBIDIUM*** ***CALCIUM*** MAGNESIUM ***POTASSIUM*** DEAD SEA 7439-95-4 (MAGNESIUM) 7440-09-7 (POTASSIUM) 7440-17-7 (RUBIDIUM) 7440-66-6 (ZINC) 7440-70-2 (CALCIUM) 7726-95-6 (BROMINE)